

# FILE COPY

Date Out EFB: 30 OCT 1981

To: Product Manager 41 Stubbs  
TS-767

From: Dr. Willa Garner *ll*  
Chief, Review Section No. 1  
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 464-448

Chemical: Chlorpyrifos

Type Product: Insecticide

Product Name: Lorsban

Company Name: Dow

Submission Purpose: Add alfalfa to label

ZBB Code: (3)(c)(7)

ACTION CODE: 335

Date in: 9/15/81

EFB # 941

Date Completed: 30 OCT 1981

TAIS (level II)

Days

Deferrals To:

63

2

Ecological Effects Branch

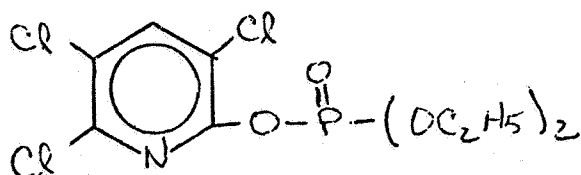
Residue Chemistry Branch

Toxicology Branch

## 1.0 INTRODUCTION

Dow has submitted an application for amending the registration of Lorsban 4E to include use on alfalfa. Lorsban is currently registered for use on certain field, fruit, nut and vegetable crops. An incremental risk assessment is requested.

## 2.0 Lorsban: chlorpyrifos



0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate

## 3.0 DISCUSSION

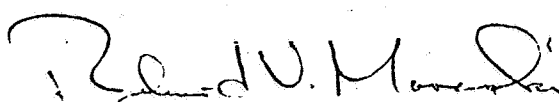
- 3.1 No new environmental fate data were submitted.
- 3.2 Directions for use: Apply 1/4 - 1 lb ai/A as a broadcast foliar spray. Do not apply more than once per crop cutting nor make more than 4 application per year.

## 4.0 RECOMMENDATION

A significant incremental risk to the environment should not be associated with this additional use on alfalfa.

The following, however, should be noted:

Lorsban 4E list as an active ingredient an aromatic petroleum derivative solvent (22.8%). No comments are made regarding (or references to) the environmental fate of this active.

  
Richard V. Moraski  
Review Section No. 1  
Environmental Fate Branch

2